

SUPPLEMENTAL PRELIMINARY AMENDMENT
U.S.S.N. 10/734,623

AMENDMENTS TO THE SPECIFICATION

Please replace the present paragraph [015] with the following amended paragraph:

[015] ~~EP A 0 889 434~~EP 0 989 434 (corresponding to US ~~Serial No. 09/364382~~6,496,306) shows projection objectives with a beam deflection device formed as a mirror prism. The mirror prism forms the first folding mirror for the deflection of the radiation coming from the object plane to the concave mirror, and a second folding mirror for the deflection of the radiation reflected from the concave mirror to the second objective part, which contains only refractive elements. The catadioptric first objective part forms a real intermediate image, which is located freely accessibly at a distance behind the second reflecting surface. The single concave mirror is fitted in a side arm of the projection objective which projects transversely with respect to the vertical direction when installed and which is also designated a “horizontal arm” (HOA). On account of the 1-form geometry of the beam path, such a folding geometry is also designated “1-folding”. Other projection objectives with only one concave mirror and 1-folding are described, for example, in DE 101 27 227 (corresponding to US patent Application US 2003/021040) or the international patent Application WO 03/050587.

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Please delete the present Abstract of the Disclosure and replace it with the following new Abstract of the Disclosure.

A projection exposure lens has an object plane, optical elements for separating beams, a concave mirror, an image plane, a first lens system arranged between the object plane and the optical elements for separating beams, a second double pass lens system arranged between the optical elements for separating beams and the concave mirror, a third lens system arranged between the optical elements for separating beams and the image plane. The second lens system has a maximum of five lenses.